SCC-B9374

IR DAY&NIGHT VANDAL RESISTANT DOME CAMERA

operating instructions

ENG
FRA
GER
SPA
ITA

imagine **the possibilities**

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CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK)NO USER-SERVICEABLE PARTS
INSIDEREFER SERVICING TO QUALIFIED SERVICE PERSONNEL

This symbol indicates that dangerous voltage consisting a risk of electric shock is present within this unit.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

WARNING

- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

WARNING

1. Be sure to use only the standard adapter that is specified in the specification sheet. Using any other adapter could cause fire, electrical shock, or damage to the product.
2. Incorrectly connecting the power supply or replacing battery may cause explosion, fire, electric shock, or damage to the product.
3. Do not connect multiple cameras to a single adapter. Exceeding the capacity may cause abnormal heat generation or fire.
4. Securely plug the power cord into the power receptacle. Insecure connection may cause fire.
5. When installing the camera, fasten it securely and firmly. A falling camera may cause personal injury.
6. Do not place conductive objects (e.g. screwdrivers, coins, metal things, etc.) or containers filled with water on top of the camera.
   Doing so may cause personal injury due to fire, electric shock, or falling objects.
7. Do not install the unit in humid, dusty, or sooty locations.
   Doing so may cause fire or electric shock.
8. If any unusual smells or smoke come from the unit, stop using the product.
   In such case, immediately disconnect the power source and contact the service centre. Continued use in such a condition may cause fire or electric shock.
9. If this product fails to operate normally, contact the nearest service centre.
   Never disassemble or modify this product in any way. (SAMSUNG is not liable for problems caused by unauthorized modifications or attempted repair.)
10. When cleaning, do not spray water directly onto parts of the product.
    Doing so may cause fire or electric shock.

CAUTION

1. Do not drop objects on the product or apply strong shock to it.
   Keep away from a location subject to excessive vibration or magnetic interference.
2. Do not install in a location subject to high temperature (over 122°F), low temperature (below 14°F), or high humidity. Doing so may cause fire or electric shock.
3. If you want to relocate the already installed product, be sure to turn off the power and then move or reinstall it.
4. Remove the power plug from the outlet when then there is a lightning.
   Neglecting to do so may cause fire or damage to the product.
5. Keep out of direct sunlight and heat radiation sources. It may cause fire.
6. Install it in a place with good ventilation.
7. Avoid aiming the camera directly towards extremely bright objects such as sun, as this may damage the CCD image sensor.
8. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
9. The Mains plug is used as a disconnect device and shall stay readily operable at any time.

important safety instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings.
   Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers,
   or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug.
   A polarized plug has two blades with one wider than the other.
   A grounding type plug has two blades and a third grounding prong.
   The wide blade or the third prong is provided for your safety.
   If the provided plug does not fit into your outlet, consult an electrician for replacement
   of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs,
    convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with cart, stand, tripod, bracket, or table specified by the manufacturer,
    or sold with the apparatus.
13. Unplug this apparatus. When a cart is used, use caution when moving the cart/
    apparatus combination to avoid injury from tip-over.
14. Refer all servicing to qualified service personnel.
    Servicing is required when the apparatus has been damaged in any way,
    such as power-supply cord or plug is damaged, liquid has been spilled or objects
    have fallen into the apparatus, the apparatus has been exposed to rain or moisture,
    does not operate normally, or been dropped.

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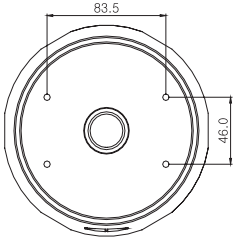
features

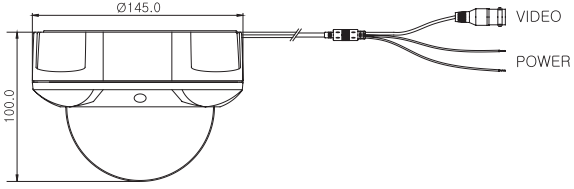
- SONY 1/3” Super HAD Colour CCD
- Resolution: 540TVL (Colour) , 570TVL (B/W)
- Day/Night Filter Change and Vari-Focal Aspherical DC Auto Iris 3.8~9.5mm F1.2 Lens Built-in
- Colour & B/W Auto Switchable by photocell and sensitivity
- DIP Switch control of Day & Night time delay, Flickerless, BLC and White Balance
- DC Iris Control Level Volume Built-in
- CDS Auto Switching IR-LED Control (18pcs LEDs)
- True 3-Axis Gimbal Bracket (2-Pan, 2-Tilt)
- Vandal Resistant & Waterproof Outdoor Installation (IP-66)
- AC24V / DC12V Dual Voltage Available

things to keep in mind during installation and use

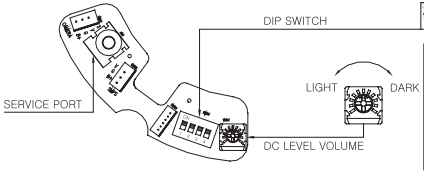
- Do not disassemble the camera on your own.
- Always be careful when handling the camera. Do not strike the camera by your fists or shake it. Please be careful not to be careless when storing and operating it.
- Do not place or operate the camera in any wet environment such as rain or wet surfaces.
- Do not clean the camera with rough sandpaper. Please always use a dry cloth when cleaning it.
- Put the camera in a cool area free from direct sunlight. Otherwise, the camera may be damaged.

dimensions & cable connection



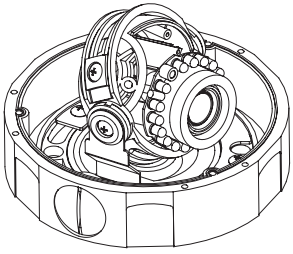


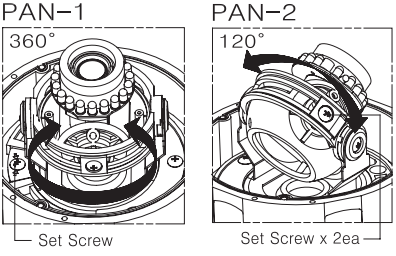
AUTO IRIS LENS & DIP SWITCH SETTINGS

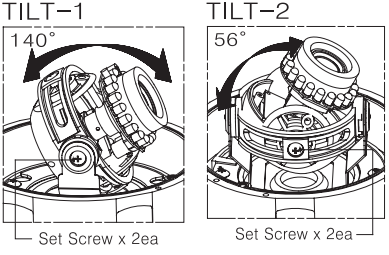


No.	Function	Dip Switch Setting	
		ON	OFF
1	Time Delay	2~3sec.	4~5sec.
2	Flickerless	OFF	ON
3	BLC	ON	OFF
4	ATW/AWC	ATW	AWC

3-AXIS GIMBAL ADJUSTMENTS







camera assembly & mount

1. Dome Base Mounting

- Remove the protecting sheet from the rubber bottom and attach it on the base housing.
- Fix the base housing with the supplied 4pcs of screws(No. 8-32 UNC) on the ceiling or wall.

2. Power Supply & Monitor Impedance
(Power supply)

- Adaptor: AC24V / 600mA or DC12V / 800mA (AC24V / DC12V Model)

(Monitor Impedance, if available)

- Set the impedance switch to the 75Ω standard position unless a video equipment is connected to the monitor video out.

3. Camera Module Adjustment
(Pan&Tilt Adjustment)

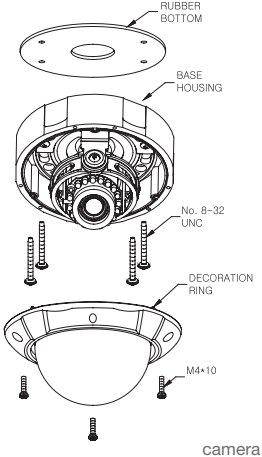
- Adjust the camera direction by turning the pan bracket left or right, the tilt bracket up or down, then fix the screws tight.

(View Angle Adjustment)

- For a wider view angle move the zoom lever to wide, for a narrower view angle move it to tele.
- After accurate adjustment of focal length then adjust the focus lever to near or far for the sharpest focus.

4. Decoration Ring Mounting

- Firmly fix the decoration ring into place with the screws and by using the supplied L-wrench on the base housing.



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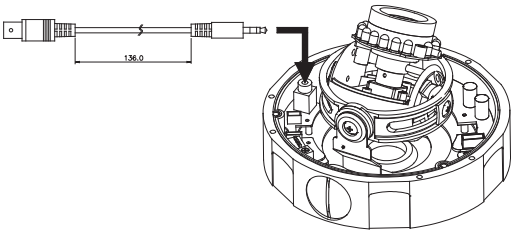
5. Service Video Port Description



troubleshooting

If you have trouble operating the camera, check the following guides for the possible problem.

- **Nothing appears on the screen.**
  - Check the power connection and video signal line connection.
  - Check the brightness level of DC Auto Iris volume of the camera.
- **The video image is not clear.**
  - Check if the camera glass has dust on the surface.
    Clean the camera glass with a clean cloth or brush.
  - Make sure that the screen is not exposed directly to a bright light.
    Adjust the position of the camera if necessary.
  - Check if protective film of camera glass is removed.
- **The screen is dark**
  - Adjust the brightness feature of the monitor.
  - Check the brightness level of DC Auto Iris volume of the camera.
- **The screen does not properly display when IR LEDs work.**
  - Check if the camera glass has dust.
  - Clean the camera glass with a clean cloth or brush.

If you cannot solve the problem with above guidelines, please contact an authorized technician.

specifications

ITEM	NTSC	PAL
Image Sensor	1/3" Interline transfer type color CCD (SONY)	
Effective Pixels	768H × 494V (380K pixels)	752H × 582V (440K pixels)
Scanning System	525 Lines 2:1 Interlace	625 Lines 2:1 Interlace
Scanning Frequency	15.734KHz (H), 59.94Hz (V)	15.625KHz (H), 50Hz (V)
Resolution	540TVL (Colour) , 570TVL (B/W)	
Shutter Speed	1/60 sec.	1/50 sec.
S/N Ratio	More than 48dB (AGC Off)	
Sync. System	Internal	
Min. Illumination	0 Lux (IR LED On)	
White Balance	ATW / AWC selectable	
Video Output	VBS 1.0 Vp-p (75Ω Load)	
Lens	3.8~9.5mm Vari -Focal, DC Auto Iris F1.2 Day & Night Lens	
Power Supply(*)	AC24V±10%, DC12V±10%	
Power Consumption	2.5W (LED Off)/ 5W (LED On)	
Operating Temp.	-10℃~50℃ (14℉~122℉)	
Operational Humidity	Max. 90% RH	
Dimensions	145mm (Ø) × 100mm (L)	

(*) Must use regulated & specified power supply.

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Correct Disposal of This Product

(Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.